

# Native *Bacillus thuringiensis* Cry1Ab Protein

**Cat. No.** Cry1Ab-36B    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Native <i>Bacillus thuringiensis</i> Cry1Ab Protein was expressed in <i>E. coli</i> . Expression Vector: pET-28a.
<b>Species</b>	<i>Bacillus thuringiensis</i>
<b>Source</b>	<i>E. coli</i>
<b>Protein Length</b>	818 aa
<b>Description</b>	insecticidal delta-endotoxin Cry8Ea1 family protein
<b>Form</b>	Liquid
<b>Molecular Mass</b>	92.26 kDa
<b>AA Sequence</b>	<p>MDNNPNINECIPYNCLSNPEVEVLGGERIETGYTPIDISLSLTQFLLSEFVPGAGFVLG            LVDIIWGIFGPSQWDAFLVQIEQLINQRIEEFARNQAISRLEGLSNLYQIYAESFREWE            ADPTNPALREEMRIQFNDMNSALTTAIPLFAVQNYQVPLLSVYVQAANLHLSVLRDV            SVFGQRWGFDAATINSRYNDLTRLIGNYTDHAVRWYNTGLERVWGPDSRDWIRYN            QFRRELTTLVLDIVSLFPNYDSRTYPIRTVSQLTREIYTNPVLENFDGSFRGSAQGGIEG            SIRSPHLM DILNSITIYTD AHRGEYYWSGHQIMASPVGFSGPEFTFPLYGTMGNAAP            QQRIVAQLGQGVYRTLSTLYRRPFNIGINNQQLSVLDGTEFAYGTSSNLPSAVYRK            SGTVDLDEIPPQNNNVPPRQGFSHRLSHVSMFRSGFSNSSVSIIRAPMFSWIHRSA            EFNNIIPSSQITQIPLTKSTNLGSGTSVVKGPGFTGGDILRRTSPGQISTLRVNITAPLS            QRYRVIRIYASTTNLQFHTSIDGRPINQGNFSATMSSGSNLQSGSFRTVVGFTTPFNF</p>

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SNGSSVFTLSAHVFNSGNEVYIDRIEFVPAEVTFEAEYDLERAQKAVNELFTSSNQIG  
 LKTDVTDYHIDQVSNLVECLSDEFCLDEKKELSEKVKHAKRLSDERNLLQDPNFRGI  
 NRQLDRGWGSTDITIQQGDDVFKENYVTLGTFDECYPTYLYQKIDESKCLKAYTRY  
 QLRGYIEDSQDLEIYLIRYNAKHETVNVPGTGLWPLSAPSPIGKCAHSHHFSLDID  
 VGCTDLNEDFR

<b>Purity</b>	85%
<b>Applications</b>	Enzyme-linked immunosorbent assay; Biological test; Gastric toxicity test in mice
<b>Storage</b>	Store at -20 centigrade. Avoid repeated freeze thaw cycles.
<b>Shipping</b>	The product is shipped at 4 centigrade.

## GENE INFORMATION

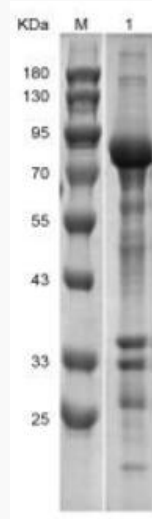
<b>Gene Name</b>	BTHUR0008_RS31135 insecticidal delta-endotoxin Cry8Ea1 family protein [ <i>Bacillus thuringiensis</i> serovar berliner ATCC 10792 ]
<b>Official Symbol</b>	Cry1Ab
<b>Gene ID</b>	67470639
<b>Protein Refseq</b>	WP_000369819
<b>UniProt ID</b>	P0A370

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